



Brief Biography of Brian D. Voss

Brian D. Voss is the Associate Vice President for Telecommunications in the Office of the Vice President for Information Technology at Indiana University. He has over 20 years of leadership experience across the information technology field – both in higher education and in the private sector -- spanning operations and production services, application development, user support, and telecommunications. Appointed to his current position in December 1999, his responsibilities include executive leadership of IU's telecommunications organization, including voice, data, and video networking. He represents IU in national and international high performance, advanced networking initiatives including National LambdaRail, Internet2, and TransPAC, and has oversight of IU's Global Network Operations Center (which provides 7x24x365 support to Internet2's Abilene network and various international high-performance networks and peering points). He is a past-Chair of the CIC Telecommunications Group and is serving as a member of ACUTA's Higher Education Advisory Panel.

Brian is also involved in research activities at Indiana University. He is currently a co-Principal Investigator on IU's TeraGrid project, having served as the lead writer for the IP-grid submission from Indiana University and Purdue University. The grant received an award of nearly \$3-million in NSF funding for the two universities, to link their computation, storage, and database resources into the TeraGrid community. Brian serves as executive site-lead for IU in this important national initiative, and has served on the TeraGrid Executive Committee representing Indiana VPIT & CIO (and IP-grid PI) Michael A. McRobbie.

Brian is also currently the Chief Operating Officer for the Pervasive Technology Labs at Indiana University. In this role, he provides administrative leadership for the Lilly-funded world-class research laboratories to advance pervasive computing technologies that will lead the 21st century information economy. Pervasive Technology Labs at Indiana University serves as an economic development driver for Indiana's exploding information technology sector by commercializing research through licensing agreements and encouraging spin-off companies. Through this role, he has developed experience with the University's research initiatives and has become well known within the State and nationwide, as he advocates for the role that investments in higher education research activities will play in the growth of an information economy within nearby communities and regions.

Brian spent the majority of his career leading IU's information technology support organization. He is the architect of IU's *Leveraged Support Model* and is recognized nationally in the area of institutional user support models and quality support services. He was a key player in IU's development of institutional software licensing agreements that have pioneered vendor programs to all of higher education, including the Microsoft agreement announced by IU in 1998. He was a leader in IU's initiative to provide life-cycle funding for IT infrastructure throughout the University. As he moved into telecommunications, he has become a leader in the provision of optical fiber infrastructure for Indiana University, and more broadly within the State of Indiana and beyond into the developing national fiber optic, higher-education environment.

Brian is an oft-published author of papers on a variety of IT subjects, and has presented at dozens of technical and managerial conferences over the past decade. He is also often quoted by various news organizations and IT publications (*Cnet/Wired*, *Indiana Business Journal*, *The Chronicle of Higher Education*, *Syllabus Magazine*, *Campus Technology*, *The New York Times*, *The Indianapolis Star*, *The Herald-Times*, etc.), and has been a featured guest on many radio and television programs, including *Inside Indiana Business*.

Born and raised in the Indianapolis Indiana area, Brian graduated from Purdue University in West Lafayette, Indiana with a Bachelors Degree in Industrial Engineering, and did further graduate study in Indiana University's Kelley School of Business. He has also held positions with Westinghouse Electric, Zenith Electronics, and Mead Data Central during his career, and has also served as a consultant to other institutions regarding information technology support models and telecommunications infrastructure.

Brian's Recent Publications and Presentations include:

'Evolving Strategies for Campus Network Infrastructure' Brian D. Voss, cover-story article for *Campus Technology Magazine*, scheduled for pending publication, Volume 1, No. 1 October 2004

'Advancing Statewide Capacity: University Partners' Brian D. Voss, with Gordon Wishon (Notre Dame University) and Fred Nay (Ball State University), Panel Presentation/Discussion, 2nd Annual Indiana Interconnect Broadband Conference, Muncie, IN September 2004

'How Globalization Has Impacted Strategies for Campus Networks' Brian D. Voss, Presentation and Proceedings, *Syllabus 2004: A Bridge to the Future Technologies to Connect the Campus*, San Francisco, CA July 2004.

'Place That Modem On The Deck At Your Feet And Step Back Away From It!' Brian D. Voss, for *Syllabus Magazine*, Volume 17, No. 10 May 2004.

'The Impact of Globalization on Campus Networks' Brian D. Voss, Research Bulletin contribution for the EDUCAUSE Center for Applied Research (ECAR); Volume 2004 Issue 4, February 17, 2004.

'Lighting Up the Network' Brian D. Voss, cover-story article for *Syllabus Magazine*, Volume 17, No. 6 January 2004

'I-Light – Indiana's Optical Fiber Infrastructure' Brian D. Voss with David E. Jent and Stephen Mayo (Purdue), a presentation in acceptance of the EDUCAUSE Award for Excellence in Networking: Innovation in Network Technology, Services, and Management, EDUCAUSE 2003, Anaheim CA; November 2003

'The Economic Development Case for Investment in Higher Education Information Technology' Brian D. Voss, Research Bulletin contribution for the EDUCAUSE Center for Applied Research (ECAR); Volume 2003, Issue 12, June 10, 2003.

'Internet2: A Foundation for Innovation' Brian D. Voss, a presentation/speaking engagement for INITA's New Economy New Rules monthly meeting, February 2003, Indianapolis, IN

'Advocating for Capital Investment in Information Technology' Brian D. Voss, a presentation for *Academic Impressions: Institutional Strategy in a Down Economy* on IT strategies for success, January 2003 Seattle WA

'Bandwidth Control: An Oxymoron ... Or Is There Hope?' Brian D. Voss with Ben Colley (MORENet), a presentation for CACUBO '02 on costs associated with recreational application use of internet bandwidth, October 2002, Kansas City, MO.

'It's Their Bandwidth – Let Them Decide!' Brian D. Voss with Melody Childs and Richard Sammis, a presentation for EDUCAUSE '02 on resident use of commodity internet bandwidth (recreational apps), October 2002, Atlanta GA

'Internet2, I-Light, and IT Security at Indiana University' Brian D. Voss, a presentation for ITEC Technology Event 2002, covering general advanced internet and security topics, June 2002, Indianapolis, IN

'Knowledge Management - How It Alleviates Support Crisis In IT Services' Brian D. Voss, a presentation for ACUTA, the Association for Telecommunications Professionals in Higher Education's Winter Seminar, January 2002, Daytona Beach, FL

'Internet2 – It's role in the Economic Development of Indiana' Brian D. Voss, a presentation for the Indiana Economic Development Council Fall Conference, September 2001, Vincennes, IN